

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: February 13, 2001, 14:08:59 ; Search time 39.07 Seconds
(without alignments)
7812.533 Million cell updates/sec

Title: US-09-481-990-1

Perfect score: 1894
Sequence: 1 GGGCAGGAGAGACGGCGCTGC.....ATATATAAAAAAAAAAAAAA 1894

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 280836 seqs, 80580151 residues

Total number of hits satisfying chosen parameters: 561672

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_NA:*
1: /cgn2_6/ptodata/2/1na/5A.COMB.seq:*
2: /cgn2_6/ptodata/2/1na/5B.COMB.seq:*
3: /cgn2_6/ptodata/2/1na/6.COMB.seq:*
4: /cgn2_6/ptodata/2/1na/PTCUS.COMB.seq:*
5: /cgn2_6/ptodata/2/1na/Backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1894	100.0	1894	3	US-08-749-816-1 Sequence 1, Appl
2	70.2	3.7	7218	1	US-08-232-463-14 Sequence 14, Appl
3	62.6	3.3	152331	3	US-09-128-155-16 Sequence 16, Appl
4	58.6	3.1	12001	1	US-08-458-568A-11 Sequence 11, Appl
5	58.2	3.1	1931	2	US-09-130-114-2 Sequence 2, Appl
6	58	3.1	2923	1	US-08-377-292-6 Sequence 6, Appl
7	58	3.1	2923	2	US-07-989-847-7 Sequence 7, Appl
8	58	3.1	2923	5	5187076-5 Patent No. 5187076
9	54.4	2.9	5011	1	US-08-141-893-1 Sequence 1, Appl
10	54.4	2.9	5011	1	US-08-463-092B-1 Sequence 1, Appl
11	54.4	2.9	5011	1	US-08-463-092B-1 Sequence 1, Appl
12	54.4	2.9	5011	2	US-08-462-109A-1 Sequence 3, Appl
13	54.4	2.9	5011	2	US-08-462-109A-3 Sequence 3, Appl
14	54.4	2.9	5011	2	US-08-460-907B-1 Sequence 1, Appl
15	54.4	2.9	5011	2	US-08-460-907B-3 Sequence 3, Appl
16	54.4	2.9	5011	3	US-08-463-179A-1 Sequence 1, Appl
17	54.4	2.9	5011	3	US-08-463-179A-1 Sequence 3, Appl
18	54.4	2.9	5011	3	US-08-461-384B-1 Sequence 1, Appl
19	54.4	2.9	5011	3	US-08-461-384B-3 Sequence 3, Appl
20	54.4	2.9	5011	3	US-08-407-207A-1 Sequence 1, Appl
21	52.8	2.8	2580	3	US-09-050-863-2 Sequence 2, Appl
22	52.8	2.8	2824	2	US-09-010-928B-3 Sequence 3, Appl
23	52.8	2.8	5452	2	US-09-130-114-1 Sequence 1, Appl
24	52.8	2.8	10596	1	US-07-884-811-15 Sequence 15, Appl
25	52.8	2.8	10596	1	US-07-885-971-15 Sequence 15, Appl
26	52.8	2.8	10596	1	US-08-087-763A-15 Sequence 15, Appl
27	52.8	2.8	10596	1	US-08-194-088B-15 Sequence 15, Appl
28	52.8	2.8	10596	2	US-08-194-087-15 Sequence 15, Appl

29	52.8	2.8	10596	4	PCT-US93-04648-15 Sequence 15, Appl
30	52.4	2.8	30001	2	US-08-125-468-1 Sequence 1, Appl
31	52.4	2.8	30001	2	US-08-474-933-1 Sequence 1, Appl
32	52.4	2.8	43280	2	US-08-804-227C-1 Sequence 1, Appl
33	51.8	2.7	3489	2	US-08-728-323A-1 Sequence 20, Appl
34	51.8	2.7	32207	2	US-08-770-379-20 Sequence 1, Appl
35	51	2.7	8438	1	US-07-945-283-1 Sequence 1, Appl
36	50.6	2.7	2793	1	US-08-209-747-1 Sequence 1, Appl
37	50.6	2.7	2793	1	US-08-458-298-1 Sequence 1, Appl
38	49.6	2.6	936	1	US-08-018-977C-4 Sequence 4, Appl
39	49.6	2.6	4362	2	US-08-455-073A-1 Sequence 1, Appl
40	49.2	2.6	3765	3	US-07-705-490-1 Sequence 11, Appl
41	49	2.6	1896	1	US-08-605-541B-11 Sequence 1, Appl
42	49	2.6	2214	3	US-08-864-038A-2 Sequence 2, Appl
43	49	2.6	3331	3	US-08-864-038A-2 Sequence 4, Appl
44	49	2.6	3331	3	US-08-864-038A-4 Sequence 1, Appl
45	48.4	2.6	15378	3	US-08-785-420-1 Sequence 1, Appl

ALIGNMENTS

RESULT 1
US-08-749-816-1
Sequence 1, Application US/08749816
Patent No. 6013470

GENERAL INFORMATION:
APPLICANT: Lesage, Florian
APPLICANT: Guillemaire, Eric
APPLICANT: Fink, Michel
APPLICANT: Duprat, Fabrice
APPLICANT: Lazdunkl, Michel
APPLICANT: Romey, Georges
APPLICANT: Barhanin, Jacques
TITLE OF INVENTION: FAMILY OF MAMMALIAN POTASSIUM CHANNELS,
TITLE OF INVENTION: THEIR CLONING AND THEIR USE ESPECIALLY FOR THE SCREENING
TITLE OF INVENTION: OF DRUGS
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: WEISER & ASSOCIATES
STREET: 230 South Fifteenth Street, Suite 500
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19102

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/749,816
FILING DATE: 15-NOV-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Weiser, Gerard J.
REGISTRATION NUMBER: 19,763
REFERENCE/DOCKET NUMBER: 989,6351P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-875-8383
TELEFAX: 215-875-8394

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1894 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 183..1190
US-08-749-816-1

Query Match 100.0%; Score 1894; DB 3; Length 1894;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 1894; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 GGGAGAGAAACGGCGCTGCGCCGGAGAGAGCGGGCGGGCGCGCGGGAGCGGCGG 60
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Db 1 GGGAGAGAAACGGCGCTGCGCCGGAGAGAGCGGGCGGGCGCGGGAGCGGCGG 60
QY 61 GCGGGCGGGAGCCAGAGCGCGGGCGGGCGGGCGGGCGGGAGAGAGAGCGGGCGG 120
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QY 121 GCGGCTCGGGCGGGCTGCGGGCGGCTTGCGCTTGCGCTTGCGGGCGGGCGG 180
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Db 121 GCGGCTCGGGCGGGCTGCGGGCGGCTTGCGCTTGCGCTTGCGGGCGGGCGG 180
QY 181 AGATGCTGCAAGTCCCTGCGGGCGGCGGCGGCTGCGGCGGCGGCGGCGGCGG 240
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QY 241 CCGAGTCTGCGGCTTCTGCGGCTGCGGCTGCGGCTGCGGCTGCGGCTGCGGCTG 300
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Db 241 CCGAGTCTGCGGCTTCTGCGGCTGCGGCTGCGGCTGCGGCTGCGGCTGCGGCTG 300
QY 301 TCTTCTCTGCGGCTGCGGCTGCGGCTGCGGCTGCGGCTGCGGCTGCGGCTGCG 360
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QY 361 AGGAGCGCTTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 420
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QY 421 GCCGGGCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 480
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QY 481 GGAAGTGGAGCTTCACTTCCGCGCTCTTCTGCGGAGAGAGAGAGAGAGAGAG 540
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QY 541 ATGGCCACACCGGCTTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 600
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Db 541 ATGGCCACACCGGCTTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 600
QY 601 TTGGCATTCCTTCACTTCCGCGCTCTTCTGAGAGAGAGAGAGAGAGAGAGAG 660
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Db 601 TTGGCATTCCTTCACTTCCGCGCTCTTCTGAGAGAGAGAGAGAGAGAGAGAG 660
QY 661 TCAACCCGAGAGCGGCTTCTTCACTTCCGAGAGAGAGAGAGAGAGAGAGAG 720
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Db 661 TCAACCCGAGAGCGGCTTCTTCACTTCCGAGAGAGAGAGAGAGAGAGAGAG 720
QY 721 CCAATGCTGATGCGGCTTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 780
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Db 721 CCAATGCTGATGCGGCTTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 780
QY 781 CCACTGCTTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 840
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 781 CCACTGCTTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 840
QY 841 TTAATTCCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 900
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Db 841 TTAATTCCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 900
QY 901 AATTCAGAGAGCTCTATTAAGATGAGATGAGATGAGATGAGATGAGATGAG 960
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Db 901 AATTCAGAGAGCTCTATTAAGATGAGATGAGATGAGATGAGATGAGATGAG 960
QY 961 TGTGGAGAGTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1020
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Db 961 TGTGGAGAGTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1020

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QY 1021 TCTATGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1080
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Db 1021 TCTATGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1080
QY 1081 CCTTCTCTGATACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1140
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Db 1081 CCTTCTCTGATACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1140
QY 1141 CTTTGTGGCCACCCAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1200
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Db 1141 CTTTGTGGCCACCCAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1200
QY 1201 ATTTGTTGATTAATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1260
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Db 1201 ATTTGTTGATTAATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1260
QY 1261 CATTTTATGAGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1320
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Db 1261 CATTTTATGAGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1320
QY 1321 AATGCTTATTAATAAACAACAAACAAACAAACAAACAAACAAACAAACAAAC 1380
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Db 1321 AATGCTTATTAATAAACAACAAACAAACAAACAAACAAACAAACAAACAAAC 1380
QY 1381 AGATGCTATTAATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1440
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Db 1381 AGATGCTATTAATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1440
QY 1441 TCTGACCTTACATAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1500
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Db 1441 TCTGACCTTACATAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1500
QY 1501 TTTTATCTTTTAACTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1560
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Db 1501 TTTTATCTTTTAACTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1560
QY 1561 ATAGCAAAATTTATTTAGAGCAAAACAAACAAACAAACAAACAAACAAAC 1620
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Db 1561 ATAGCAAAATTTATTTAGAGCAAAACAAACAAACAAACAAACAAACAAAC 1620
QY 1621 GTTTATGTAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1680
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Db 1621 GTTTATGTAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1680
QY 1681 CAATCTACTATTTATTAATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1740
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1681 CAATCTACTATTTATTAATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1740
QY 1741 TGTATTAATTCGTACATTAATGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1800
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Db 1741 TGTATTAATTCGTACATTAATGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1800
QY 1801 ACTATTAATTAATTTGTTTCTTTGATTTCTTTTATTAATTAAGAGAGAG 1860
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1801 ACTATTAATTAATTTGTTTCTTTGATTTCTTTTATTAATTAAGAGAGAG 1860
QY 1861 ATAAATTAAGGAGATTAATTAATTAATTAATTAATTAATTAATTAATTA 1894
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1861 ATAAATTAAGGAGATTAATTAATTAATTAATTAATTAATTAATTAATTA 1894

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RESULT 2
 US-08-232-463-14
 ; Sequence 14, Application us/08232463
 ; Patent No. 5670367
 ; GENERAL INFORMATION:
 ; APPLICANT: DORNER, F.
 ; APPLICANT: SCHEIFLINGER, F.
 ; APPLICANT: FALKNER, F. G.
 ; TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
 ; NUMBER OF SEQUENCES: 52
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Foley & Lardner

```
STREET: 1800 Diagonal Road, Suite 500
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/232,463
  FILING DATE:
  CLASSIFICATION: 435
  PRIOR APPLICATION DATA:
    APPLICATION NUMBER: US/07/935,313
    FILING DATE:
  APPLICATION NUMBER: EP 91 114 300.6
  FILING DATE: 26-AUG-1991
  ATTORNEY/AGENT INFORMATION:
    NAME: BENT, Stephen A.
    REGISTRATION NUMBER: 29,768
    REFERENCE/DOCKET NUMBER: 30472/114 IMMU
    TELECOMMUNICATION INFORMATION:
      TELEPHONE: (703)836-9300
      TELEFAX: (703)683-4109
      TELETYPE: 899149
    INFORMATION FOR SEQ ID NO: 14:
      SEQUENCE CHARACTERISTICS:
        LENGTH: 7218 base pairs
        TYPE: nucleic acid
        STRANDEDNESS: single
        TOPOLOGY: linear
      IMMEDIATE SOURCE:
        CLONE: PTZ9PL-Fls
      US-08-232-463-14

Query Match      3.7%; Score 70.2; DB 1; Length 7218;
Best Local Similarity 4.4%; Pred. No. 1.4e-05;
Matches 18; Conservative 237; Mismatches 150; Indels 0; Gaps 0;

QY 457 TGCACAGCAAGCCTCGGCGCAACGTGAACTGACCTCACCACCGCGCTCTTCCTGCGCA 516
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DB 1031 TTCGAGCTGGCTGCGAGCTGCGAGGAGCTTGCATTTTTTTTTTTTTTTTTTTTTT 1090

QY 517 GCACCGTCTCTCCACACAGGTTATGGCCACACCGTGCCTGTGACAGTGAAGG 576
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DB 1091 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1150

/ 577 CCTTCTGCATCATCTACTCGCTCATTTGGCAATCCCTTCACCCTCCTGTTCCTGACGGCTG 636
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DB 1151 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1210

QY 637 TGGTCCAGCGCATACCGCTGACGTCAACCCGAGCGCGTCTCTACTTCCACATCCCGCT 696
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DB 1211 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1270

QY 697 GGGGCTTCTCCAGCAGGTGGTGGCAATGTCATGCGGTCTCCTGGTTGTGACTG 756
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DB 1271 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1330

QY 757 TGTCTCTCTCTCTCTCATCCCGCGCTGCTCTCATGCTGAGAGATGACTGGAAGT 816
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DB 1331 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1390

QY 817 TCTCGAATCCTTTATTTTGTATTATTTCCCGAGACATG 861
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DB 1391 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1435

RESULT      3
US-09-128-155-16/c
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Sequence 16, Application US/09128155
Patent No. 6117654
GENERAL INFORMATION:
  APPLICANT: Pan, Yang
  TITLE OF INVENTION: NOVEL MOLECULES OF TANGO-77 RELATED PROTEIN FAMILY
  TITLE OF INVENTION: AND USES THEREOF
  FILE REFERENCE: 09404/052001
  CURRENT APPLICATION NUMBER: US/09/128,155
  CURRENT FILING DATE: 1998-08-03
  EARLIER APPLICATION NUMBER: US 60/091,650
  EARLIER FILING DATE: 1998-07-02
  EARLIER APPLICATION NUMBER: US 60/054,646
  EARLIER FILING DATE: 1997-08-04
  NUMBER OF SEQ ID NOS: 18
  SOFTWARE: FastSeq for Windows Version 3.0
  SEQ ID NO 16
  LENGTH: 152331
  TYPE: DNA
  ORGANISM: Homo sapiens
  FEATURE:
    NAME/KEY: misc_feature
    LOCATION: (1)..(152331)
    OTHER INFORMATION: n - A,T,C or G
  US-09-128-155-16

Query Match      3.3%; Score 62.6; DB 3; Length 152331;
Best Local Similarity 55.0%; Pred. No. 0.0014;
Matches 110; Conservative 0; Mismatches 90; Indels 0; Gaps 0;

QY 1 GGGCAGAAAGACGGCGCTCCCGGAGAGACGGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 60
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DB 22055 GGTGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG 21996

QY 61 GCGGCGGAGAGCCCGGCGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG 120
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DB 21995 GGGCGCGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG 21936

QY 121 GCGGCTCCGGCCGCTGCTCGGGGCTTGGCTTTGGCGGGCGGGGGTGGAGA 180
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DB 21935 GGGGCGCGCGCCGCGCGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG 21876

QY 181 AGATCTCAGTCCCTGGCC 200
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DB 21875 NNNNGTNNMACNCCACG 21856

RESULT      4
US-08-458-568A-11/c
Sequence 11, Application US/08458568A
Patent No. 5821339
GENERAL INFORMATION:
  APPLICANT: yeh, Lily
  TITLE OF INVENTION: Compositions and Methods for Treatment of Herpesvirus
  TITLE OF INVENTION: Infections
  NUMBER OF SEQUENCES: 15
  CORRESPONDENCE ADDRESS:
    ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5821339rlis
    STREET: One Liberty Place, 46th floor
    CITY: Philadelphia
    STATE: PA
    COUNTRY: USA
    ZIP: 19103
  COMPUTER READABLE FORM:
  MEDIUM TYPE: Floppy disk
  OPERATING SYSTEM: PC-DOS/MS-DOS
  SOFTWARE: WordPerfect 5.1
  CURRENT APPLICATION DATA:
    APPLICATION NUMBER: US/08/458,568A
    FILING DATE: 02-JUNE-1995
  CLASSIFICATION: 435
```

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/065,146
FILING DATE: 05-MAY-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Leary Ph.D., Kathryn R.
REGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: DFCI-0029
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 12001 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Herpes simplex virus
SPRAIN: Herpes Simplex Virus Type 1
US-08-458-568A-11

Query Match 3.1%; Score 58.6; DB 1; Length 12001;
Best Local Similarity 53.5%; Pred. No. 0.0038;
Matches 144; Conservative 0; Mismatches 124; Indels 1; Gaps 1;

QY 1 GGGCAGAGAGCGGCGTCCCGGAGAGCGGGCGGCGCGGCGGAGCGGGCG 60
DB 2109 GGGCAGAGAGCGGCGTCCCGGAGAGCGGGCGGCGCGGCGGAGCGGGCG 2050
QY 61 GGGGGGGGAGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 119
DB 2049 GGGGGGGGAGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 1990
QY 120 CGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 179
DB 1989 GTCGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 1930
QY 180 AAGATGCTGAGTCCCTGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 239
DB 1929 AGATGCCCGGAGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 1870
DB 240 GCCTGCTGCTTGGCTTCTGCTGCTGCGG 268
DB 1869 GCGTGGGCGGCGGAGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 1841

RESULT 5
US-09-130-114-2
Sequence 2, Application US/09130114
Patent No. 597807
GENERAL INFORMATION:
APPLICANT: Horlick, Robert A.
APPLICANT: Damaj, Bassam B.
APPLICANT: Robbins, Alan K.
TITLE OF INVENTION: Eukaryotic Cells Stably Expressing Genes
FILE REFERENCE: 0867/1D9030S1
CURRENT APPLICATION NUMBER: US/09/130,114
CURRENT FILING DATE: 1998-08-06
NUMBER OF SEQ ID NOS: 36
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 2
LENGTH: 1931
TYPE: DNA
ORGANISM: EBNA
US-09-130-114-2

Query Match 3.1%; Score 58.2; DB 2; Length 1931;
Best Local Similarity 49.2%; Pred. No. 0.0024;
Matches 153; Conservative 0; Mismatches 158; Indels 0; Gaps 0;
QY 489 GACTTACCTCCCGGCTCTTCCGACAGCGGTGCTCCACACAGATTATGGCCAC 548
DB 443 gtctctgtctctctcccgctctcccgctctctctctctcccgctctcccgctctc 502
QY 549 ACCGCGCTTGTACATGAGGTAAAGCCTTGTGATCATCTATCTACCTGATTCGAT 608
DB 503 ccgctctgtctctctcccgctctcccgctctctctctcccgctctcccgctctc 562
QY 609 CCCTTACCTCTGTTCTCTGACGGCTGTGTCAGGCGATCATCCGATCCCGCG 668
DB 563 ctcccgctctcccgctctcccgctctctctctctctctctctctctctctccg 622
QY 669 AGGCGGCTCTTACTTACATCCGCTGGGGCTTCTCCAGAGAGTGGGCAATCTC 728
DB 623 ctcccgctctcccgctctctctctctcccgctctctctctctctctctctccg 682
QY 729 CATGCCGTGCTCTTGGGTTGTACATGTGCTGCTCTTCTTCAATCCCGCGCTGTC 788
DB 683 ctcccgctctctctctcccgctctcccgctctctctctctctctctctctctc 742
QY 789 TCTCAGTCTCT 799
DB 743 ctcccgctct 753

RESULT 6
US-08-377-292-6
Sequence 6, Application US/08377292
Patent No. 5693615
GENERAL INFORMATION:
APPLICANT: STONE, ROGER L.
TITLE OF INVENTION: THERAPEUTIC FORMULAS FOR OSTEOINDUCTION
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESS: The Procter & Gamble Company
STREET: 11810 East Miami River Road
CITY: Cincinnati
STATE: Ohio
COUNTRY: U.S.A.
ZIP: 45239-8707
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/377,292
FILING DATE: 23-JAN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/243,435
FILING DATE:
APPLICATION NUMBER: US/08/117,367
ATTORNEY/AGENT INFORMATION:
NAME: Corstange, Brian J.
REGISTRATION NUMBER: 34,804
TELECOMMUNICATION INFORMATION:
TELEPHONE: 513-245-2858
TELEFAX: 513-741-3012
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 2923 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-377-292-6

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/966,923
FILING DATE: 27-OCT-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/029,340
FILING DATE: 8-MAR-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/141,893
FILING DATE: 26-OCT-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/407,207
FILING DATE: 20-MAR-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Steeg, Carol Miernicki
REGISTRATION NUMBER: 39,539
REFERENCE/DOCKET NUMBER: 01546
TELECOMMUNICATION INFORMATION:
TELEPHONE: (613) 545-2342
TELEFAX: (613) 545-6853
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 5011 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 196..4788
US-08-463-092B-1

Query Match 2.9%; Score 54.4; DB 1; Length 5011;
Best Local Similarity 54.5%; Pred No. 0.02;

Matches 109; Conservative 0; Mismatches 91; Indels 0; Gaps 0;

QY 10 GAGCGCGTGCCTGCGGAGAGCGGGCGGGCGCGCGCGGAGCGGGCGGGCGG 69
DB 204 GAGCGCGATGCGGCGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGG 145
QY 70 AGCCAGCGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGG 129
DB 144 TTGCTGCGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGG 85
QY 130 GCCGCTGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGG 189
DB 84 TAGCGCTGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGG 25
QY 190 AGTCCCTGCGCGGACGCTCG 209
DB 24 GGGCGGGGCGGCAACGCCG 5

RESULT 11

US-08-463-092B-3/c
Sequence 3, Application us/08463092B
Patent No. 5766880

GENERAL INFORMATION:

APPLICANT: Cole, Susan P.C.

APPLICANT: Dealey, Roger G.

TITLE OF INVENTION: ISOLATED NUCLEIC ACID MOLECULES ENCODING

TITLE OF INVENTION: MULTIDRUG RESISTANCE PROTEINS

NUMBER OF SEQUENCES: 9

CORRESPONDENCE ADDRESS:

ADDRESS: PARTO RESEARCH & DEVELOPMENT INNOVATIONS

STREET: Queen's University at Kingston

CITY: Kingston

STATE: Ontario

COUNTRY: CANADA
ZIP: K7L 3N6
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/463,092B
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/966,923
FILING DATE: 27-OCT-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/029,340
FILING DATE: 8-MAR-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/141,893
FILING DATE: 26-OCT-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/407,207
FILING DATE: 20-MAR-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Steeg, Carol Miernicki
REGISTRATION NUMBER: 39,539
REFERENCE/DOCKET NUMBER: 01546
TELECOMMUNICATION INFORMATION:
TELEPHONE: (613) 545-2342
TELEFAX: (613) 545-6853
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 5011 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 196..4788
US-08-463-092B-3

Query Match 2.9%; Score 54.4; DB 1; Length 5011;
Best Local Similarity 54.5%; Pred No. 0.02;

Matches 109; Conservative 0; Mismatches 91; Indels 0; Gaps 0;

QY 10 GAGCGCGTGCCTGCGGAGAGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGG 69
DB 204 GAGCGCGATGCGGCGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGG 145
QY 70 AGCCAGCGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGG 129
DB 144 TTGCTGCGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGG 85
QY 130 GCCGCTGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGG 189
DB 84 TAGCGCTGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGG 25
QY 190 AGTCCCTGCGCGGACGCTCG 209
DB 24 GGGCGGGGCGGCAACGCCG 5

RESULT 12

US-08-462-109A-1/c
Sequence 1, Application us/08462109A
Patent No. 5882875

GENERAL INFORMATION:

